JOINT INFORMATION ENGINEERING ORGANIZATION

Parkridge III, 10701 Parkridge Boulevard, Reston, VA 20191

SYMBOLOGY STANDARDS MANAGEMENT COMMITTEE DIRECTIVE

SSMC NO: 3-01 **Date: August 24, 2001**

CP No: MIL00-27B	**Title: Add Reload Point**

Originator, Name and Address:

Army/PM EFCCS

SSMC Action:

- ☐ **Approved**
- ☒ **Approved with Changes**
- ☐ **Withdrawn**
- ☐ **Deferred**
- ☐ **Declared Substantive**
  By:
- ☐ **Disapproved**
- ☐ **Testing Required**
  - ☐ **Prior to Decision**
  - ☐ **Subsequent to Decision**
- ☐ **Allied Coordination Required**

Votes Cast/Proposed Change

Approve	Disapprove	N/A	
☒	☐	☐	**Army**
☒	☐	☐	**Navy**
☒	☐	☐	**MC**
☒	☐	☐	**AF**
☒	☐	☐	**NIMA**
☐	☐	☐	**CINC**
☐	☐	☐	**JIEO**
☐	☐	☐	**NSA**
☒	☐	☐	**DIA**

Decision:

Approved as modified. See attached CP for approved modifications.

Chairperson

MaryAnn Andersen

(Signature)

SYMBOLOGY CONFIGURATION MANAGEMENT CHANGE PROPOSAL FORM			
CHANGE PROPOSAL NUMBER		**MIL00-27B**	
ORIGINATOR	**SPONSOR**	**DATE RECEIVED**	**DATE OF ACTION**
PM FATDS	**ARMY**	**1 September 2000**	**August 23, 2001**
CHANGE PROPOSAL TITLE			
ADD NEW SYMBOL, **RELOAD POINT**			
SUGGESTED CHANGE			

The Fire Support community has a requirement to add a new symbol to MIL-STD-2525B.

1. The purpose of the Reload Point symbol is to graphically display to commanders in the Common Operational picture (COP)/Common Tactical Picture (CTP) a designated location where a launcher would move to reload while still in an operational area, waiting to execute another fire mission.
2. Recommend adding to hierarchy item 2.X.4, Fire Support, under the "Points" hierarchy, 2.X.4.1, figure B-17, and table B-IV.

OVERVIEW

Currently, the standard does not contain a symbol depicting Reload Points. The purpose of the Reload Point symbol is to graphically display a designated location where a launcher would move to reload while still in an operational area, waiting to execute another fire mission, to commanders in the COP/CTP. This point is different from the Forward Rearm Point, which is used when entire units are relocating to another position. This is part of tactics techniques and procedures (TTP) employed by fire support elements (Howitzers/MLRS). Incorporation into MIL STD 2525B, which will be used in GSD, will allow the symbols to be transmitted/received by all battlefield system. Reload Point is a required symbol in the COP to be shared across the battlefield. The development of the COP/CTP is required of all ABCS component systems. Fire Support systems are the producer of Reload Points for the COP/CTP. Fire Support systems will retain this capability for fielding throughout the Army and USMC.

OPERATIONAL DESCRIPTION

In general, a Reload Point is used to graphically display a designated location where a launcher would go to reload while still in an operational area, waiting for another fire mission. One (1) point location is required to graphically display a Reload Point. The minimum information required to interoperate with another is defined below.

IMPLEMENTATION

Description: **Fire Support, Point, Command and Control, Reload Point**

Parameters:
1.Anchor Points. This graphic requires one anchor point. The point defines the tip of the inverted cone.

2.Size/Shape. Static.

3.Orientation. The graphic will typically be oriented upright, as shown in the example, but will be rotatable.

Static/Dynamic: Static

Hierarchy: 2.X.4.1.2.4

Symbol ID: G*F*PCR---****X

SYMBOLOGY CONFIGURATION MANAGEMENT CHANGE PROPOSAL FORM			
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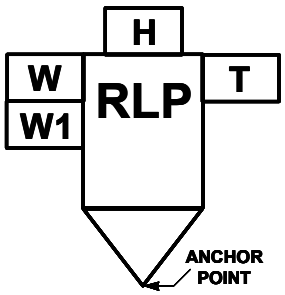
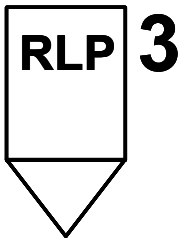
ORIGINATOR	**SPONSOR**	**DATE RECEIVED**	**DATE OF ACTION**
PM FATDS	**ARMY**	**1 September 2000**	**August 23, 2001**
CHANGE PROPOSAL TITLE			
ADD NEW SYMBOL, **RELOAD POINT**			

Tactical Graphic:



Example:



JIEO ANALYSIS

OVERVIEW:

POTENTIAL CONFLICTS WITH EXISTING SYMBOLOGY:

CONFORMANCE TO SYMBOL GUIDELINES:

ADEQUACY AND IMPACT ON OTHER PROGRAMS:

C/S/A COMMENTS

DECISION NOTICE

SSMC 3-01: Approved as amended. MIL00-27A Implementation section was amended by removing the words "in 90 degree increments" from paragraph 3 of the parameters and by changing "Fixed/Dynamic: Fixed" to read "Static/Dynamic: Static". See parameters paragraph above and in the example in Table B-IV of the attachment.

Attachment A

Tasks:

1. Modify Figure B-17.1 to reflect the addition of the Reload Point symbol.

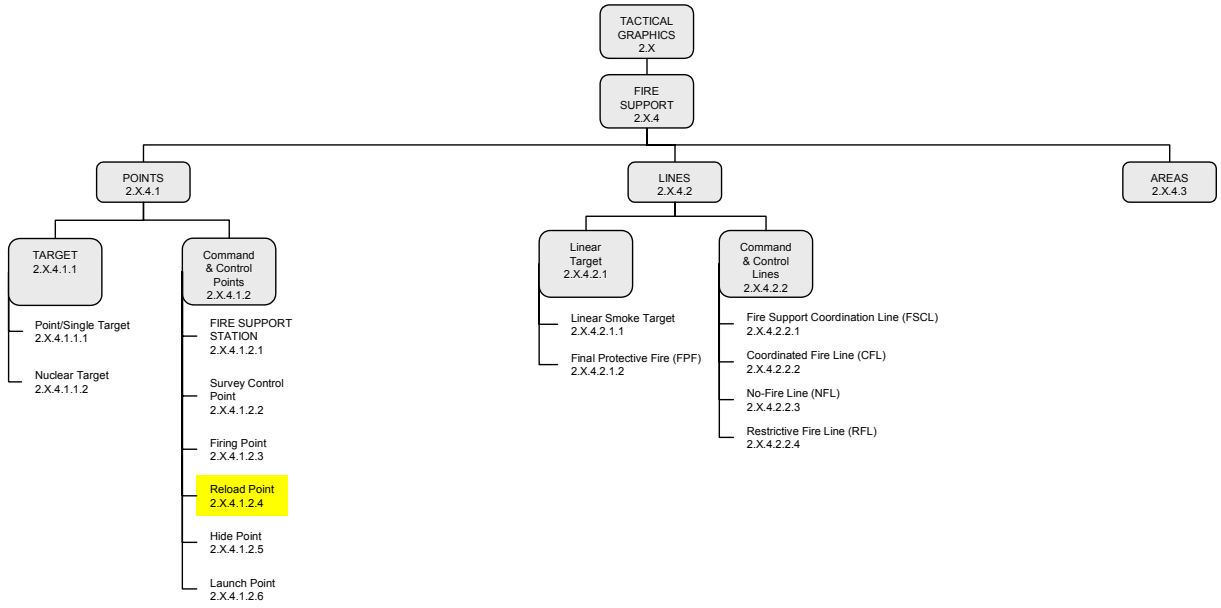
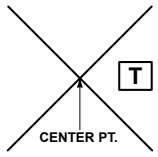
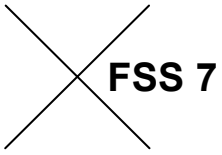
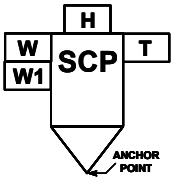
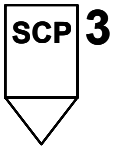


Figure B-17.1. Fire Support.

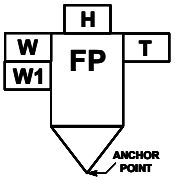
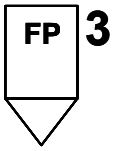
2. Modify Table B-III to reflect the addition of the Reload Point symbol's hierarchy number and symbol ID.

HIERARCHY	CODE SCHEME	AFFILIATION	CATEGORY	STATUS	FUNCTION ID			SIZE/MOBILITY	COUNTRY CODE	ORDER OF BATTLE	DESCRIPTION
2.X.4	G	*	F	*	--	--	--	**	**	X	FIRE SUPPORT
2.X.4.1	G	*	F	*	P-	--	--	**	**	X	POINT
2.X.4.1.1	G	*	F	*	PT	--	--	**	**	X	TARGET
2.X.4.1.1.1	G	*	F	*	PT	S-	--	**	**	X	POINT/SINGLE TARGET
2.X.4.1.1.2	G	*	F	*	PT	N-	--	**	**	X	NUCLEAR TARGET
2.X.4.1.2	G	*	F	*	PC	--	--	**	**	X	COMMAND AND CONTROL
2.X.4.1.2.1	G	*	F	*	PC	F-	--	**	**	X	FIRE SUPPORT STATION
2.X.4.1.2.2	G	*	F	*	PC	S-	--	**	**	X	SURVEY CONTROL POINT (SCP)
2.X.4.1.2.3	G	*	F	*	PC	B-	--	**	**	X	FIRING POINT
2.X.4.1.2.4	G	*	F	*	PC	R-	--	**	**	X	RELOAD POINT
2.X.4.1.2.5	G	*	F	*	PC	H-	--	**	**	X	HIDE POINT
2.X.4.1.2.6	G	*	F	*	PC	L-	--	**	**	X	LAUNCH POINT
2.X.4.2	G	*	F	*	L-	--	--	**	**	X	LINES

3. Modify Table B-IV to reflect the addition of the Reload Point symbol's hierarchy number, symbol ID and graphics.

DESCRIPTION	STATIC/ DYNAMIC	HIERARCHY / SYM-ID	TACTICAL GRAPHIC
FIRE SUPPORT POINT COMMAND AND CONTROL	N/A	2.X.4.1.2	
FIRE SUPPORT POINT COMMAND AND CONTROL FIRE SUPPORT STATION Parameters 1. Anchor points. This graphic requires one anchor point. The center point defines the center of the graphic. 2. Size/Shape. Static. 3. Orientation. The graphic is typically centered over the desired location.	S	2.X.4.1.2.1 G*FPPCF--- ****X Example	 
FIRE SUPPORT POINT COMMAND AND CONTROL SURVEY CONTROL POINT (SCP) Parameters 1.Anchor Points. This graphic requires one anchor point. The point defines the tip of the inverted cone. 2.Size/Shape. Static. 3.Orientation. The graphic will typically be oriented upright, as shown in the example, but will be rotatable.	S	2.X.4.1.2.2 G*FPPCS--- ****X Example	 

Attachment A

DESCRIPTION	STATIC/ DYNAMIC	HIERARCHY SYM-ID	TACTICAL GRAPHIC
FIRE SUPPORT POINT COMMAND AND CONTROL FIRING POINT <u>Parameters</u> 1.Anchor Points. This graphic requires one anchor point. The point defines the tip of the inverted cone. 2.Size/Shape. Static. 3.Orientation. The graphic will typically be oriented upright, as shown in the example, but will be rotatable.	S	2.X.4.1.2.3 G*FPPCB--- ****X Example	 
FIRE SUPPORT POINT COMMAND AND CONTROL RELOAD POINT <u>Parameters</u> 1.Anchor Points. This graphic requires one anchor point. The point defines the tip of the inverted cone. 2.Size/Shape. Static. 3.Orientation. The graphic will typically be oriented upright, as shown in the example, but will be rotatable.	S	2.X.4.1.2.4 G*FPPCR--- ****X Example